

A B S T R A C T

5 A method of allocating data transmission channels to
a mobile station, in particular in half-duplex mode, in a
mobile telecommunications network of the type using
packet mode and having multiple access by multiplexing
transmission channels, in which method the transmission
channels allocated to a mobile station, respectively in a
"down" direction from the network to the mobile station,
10 and in an "up" direction from the mobile station to the
network, can change at each "allocation period", a
transmission authorization received over a transmission
channel in the down direction for a given allocation
period indicating that the transmission channel is
15 allocated in the up direction for the following
allocation period; wherein a transmission authorization
received over a transmission channel in the down
direction for a given allocation period indicates that
not only the transmission channel, also referred to as
20 the authorization channel, but also consecutive
transmission channels identifiable from the authorization
channel using a predefined relationship, are allocated in
the up direction for the following allocation period.